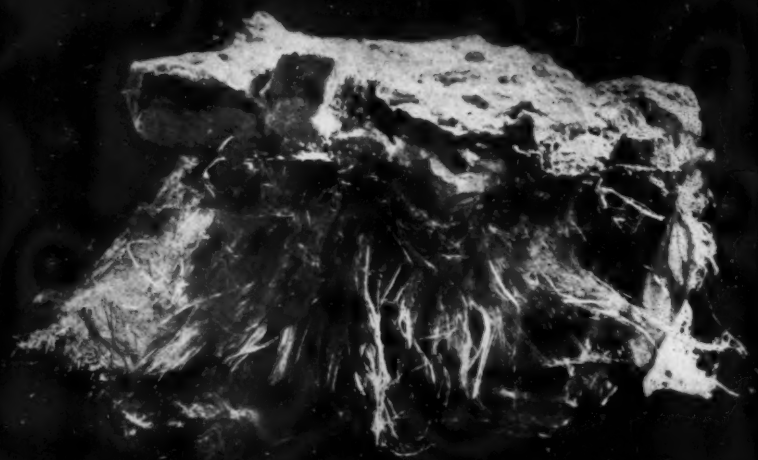


ASBESTOS



Arizona Asbestos No. 1 Crude from Blue Mule Mine, Metate Asbestos Co., Globe, Arizona, U.S.A.

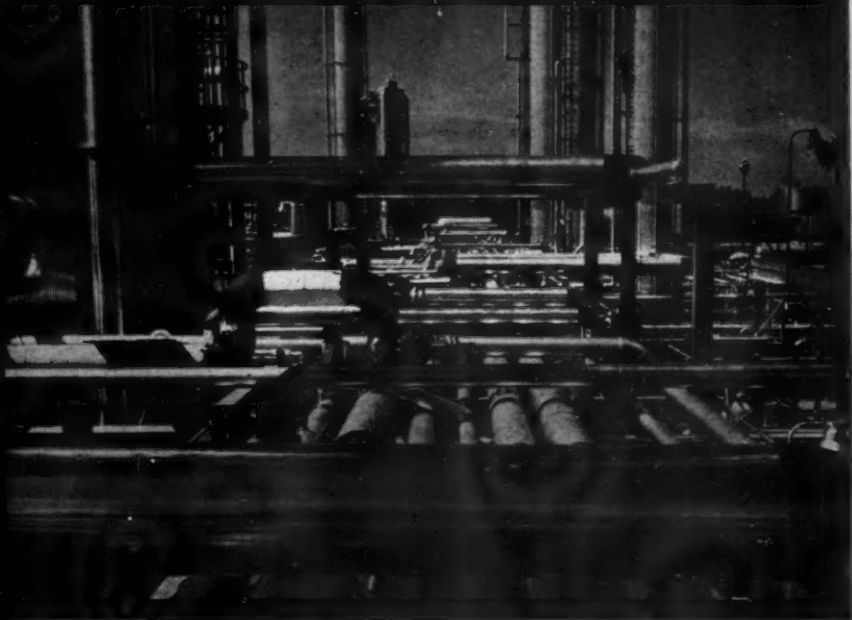
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VALLEY FORGE, PENNSYLVANIA

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE

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Number 12

CONTENTS

	Page
RHODESIAN CHRYSOTILE PRODUCTION	
BREAKS ALL RECORDS IN 1955	2
SUPRADUR MANUFACTURING CO. HONORED	
ON TENTH ANNIVERSARY	12
1954 CENSUS OF MINERAL INDUSTRIES	
PRELIMINARY REPORTS	14
M. H. BAKER ADDRESSES BUILDING	
RESEARCH INSTITUTE	16
SAMPLE SEEKERS	18
CANADIAN SPECIFICATIONS	18
TECHNICAL BULLETIN NO. T-55, R-M, Inc.	20
MARKET CONDITIONS	24
BUILDING	28
AUSTRALIA'S BIGGEST ROOF	32
Production Statistics	34
Automobile Sales	38
Imports and Exports	40
NEWS OF THE INDUSTRY	46
Current Range of Price	56
Asbestos Stock Quotations	58

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RHODESIAN CHRYSOTILE PRODUCTION BREAKS ALL RECORDS IN 1955

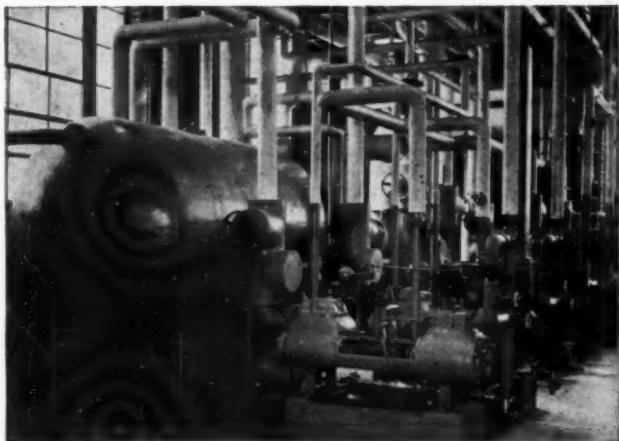
By: W. E. Sinclair, M.I.M.M.

In recent years the growing output of chrysotile asbestos in Southern Rhodesia caused head-line news because the value of the fibre recovered exceeded that of gold which, up to 1952, had always been considered the mainstay of the country's economy. (Asbestos Production in Southern Rhodesia, by the Author—"Asbestos," August and Sept. 1953). Now the glamour of gold has faded in Rhodesia, in fact, it has almost been eclipsed by the increasing production of asbestos which, last year, reached an all-high peak; the total output being 105,261 short tons, the value of which is quoted as £7,051,831 sterling.

To illustrate this remarkable rise in output, the following table is given to show at a glance the step-up in the past five or six years:

YEAR	SHORT TONS	VALUE IN £
1950	71,526	4,615,490
1951	77,663	5,452,108
1952	84,834	6,651,975
1953	87,739	6,542,732
1954	79,961	5,922,724
1955	105,261	7,051,831

The lapse in 1954 that upset the rising curve, is accounted for by the temporary set-back in production due to poor demand and other difficulties experienced by the industry in 1953, when several small mines closed down and others curtailed operations temporarily. This mild slump was traced eventually to the producers own troubles and not so much to world conditions. (This was found to be much the same in the Union of South Africa at this time.) By the frank analyses of their products and processing methods, many of the producers conceded that their fibre failed to conform to standard specifications. Also, in some cases it was dirty as well as ungraded and lacking uniformity in quality. Lack of reliable selling organizations for the marketing of the products of the



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smaller producers was, and still is, a contributing factor to unsatisfactory production.

Serious consideration of these weaknesses and the necessary steps to rectify and overcome the difficulties have really opened a new era in this field. This is borne out by the record output, just quoted, in face of the lowest unit price for chrysotile in Rhodesia in the past six years.

Apart from the superior quality of the Rhodesian fibre the indications are of a more stable condition of the industry following the ups and downs of the past years. In addition, asbestos here as elsewhere, is closely linked with almost all other branches of industry and therefore is sensitive to changes outside its own orbit. Nevertheless, because of the exceptional quality of Rhodesian chrysotile the industry has quickly adapted itself to any changing conditions and has rapidly expanded to meet the demands of world markets. This is as it should be since it is well known that new applications are being found in commerce and industry almost every day.

While there exists a demand for high quality spinning fibre that is low in iron content, the Rhodesian fibre will always find a ready market, more especially in the manufacture of electrical insulations and cable construction and installations. In the utilization of the shorter grades, for asbestos-cement products and their application in the manufacture of filtration beds, their low tale content and other superior qualities ensure their continued demand in all manufacturing fields.

The more stable industrial expansion envisaged generally today is a stimulus and guarantee to an ever increasing tempo in the field of production. On every hand there is evidence of new mines and the reopening of dormant properties. Many of the larger working propositions are extending plant preparatory to increasing production. To quote only one example of large scale development, the Rhodesian Asbestos Ltd. (Johns-Manville) is carrying out a program that will eventually establish one of the biggest undertakings in the country. This com-

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pany is developing mines in several areas, two of the most important being the Temaraire and Shamala in the Mashaba district. These mines are planned to produce 300 tons an hour for treatment. The construction of the mill and sorting plant will be the most up-to-date in Rhodesia. (The Story of Rhodesian Asbestos Ltd., "ASBESTOS", April 1955).

Apart from really big undertakings renewed interest is being evinced in the "Slip Area" in the Vukwe Range south-east of Shabani, while many small concerns are developing along the western areas of the Great Dyke in the chrome region.

The general air of activity is quite unlike previous boom periods, instead, there is a definite atmosphere of more serious and stable business. As an example there is a common trend in all new development work for increased mechanization and improved technical design in plant layout. This is having the effect of substantially increasing the output per head of native employed. This and other means of stepping up efficiency together with large scale operations are some of the incentives aimed at in an effort to combat the high cost structure prevalent today.

New peaks of volumes and sales are indicative of the country's aim to satisfy the world markets. Of course, the scale of operations everywhere fluctuates in step with market conditions, which are outside the control of local producers. There is little doubt, however, that increased production will ultimately encourage the extended establishment of local asbestos manufacturing industries.

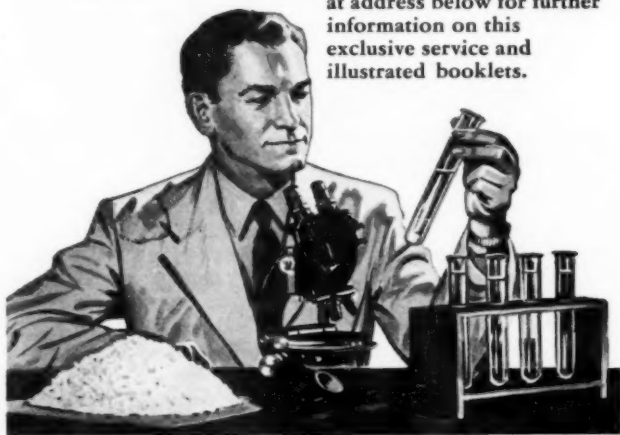
The question as to where the growing tonnage is coming from and who the producers are raises an interesting aspect of the position today. The following list is arranged to show the distinctive areas in which the producing mines are located. As a general rule these are usually listed under the principal Government Administrative district of Bulawayo, Salisbury and Victoria. The list is not quite complete because final figures are not available in every case however, the principal producers and their average month-

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Asbestos Fibre Division

Canadian Johns-Manville Co., Ltd.

Asbestos P.Q., Canada; Telephone: Asbestos 100

ly output are given to supply the answers as to whence the fibre comes and the company responsible:

District	Company	Mines	Aver. Monthly Production in Short Tons
	African Asb.	Bend A	30
Belingwe	Vanguard Coy.	Serpentine 5	300
		Rantanyani	10
		Regal A	40
Gwanda	Lanninghurst Asbestos	Lanninghurst	35
		Alpha Asbest.
Filabusi	Pangani Asbest Ltd.	Pangani	25
		African Asbestos	230
Lomangundi	Ethel Asbest.	Ethel	90
Shabani	African Asbestos	Shabani Birthday	4,000
		Nil Desperandum	1,250
Vukwe	Rhod. Monteleo	Silver Oak	5
		Slip A	30
Mashaba	Mashaba Rhod. Asbestos	Murie	20
		D. S. O.	..
	Kilmarnock Asb.	Princess	40
	Rex Asbestos Mines	Rex %	105

Several producers have not yet reached a stage of steady production. In some of the smaller type deposits production will be erratic in the initial stages, since the returns from early recovery are utilized to assist in capital outlay for equipment. It is often difficult for the individual or small syndicate to bridge the gap between a prospectors discovery and a deposit sufficiently proved to interest even a small company. Indeed in many instances the type of deposit is such that it hardly warrants company flotation. Nevertheless, despite the hand to mouth existence of small concerns, they all contribute a quota to the country's total output.

In the light of recent estimates of the world's latent resources of asbestos, ("Asbestos Reserves and Resources", by the Author, "ASBESTOS" September 1955) a pertinent question that lends interest to Rhodesia's expanding production is, what is the country's fibre reserve?

So far as is known there is no definite record of any of the main and substantial serpentine deposits petering out at depth or even narrowing down seriously in either

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IN CANADA: The Philip Carey Co., Ltd., 277 Duke Street,
Montreal 3, P. Q.

Asbestos Mines: East Broughton, P. Q.

"ASBESTOS" — June 1956

Page 9

bodily width or tenor. Local weakening is not uncommon in any asbestos formation but this is usually a physical phenomenon that has a seemingly compensating factor by "averaging up" over the whole.

With the exception of those companys working on large scale propositions, the average producer does a minimum of deep development or drilling. A guaranteed reserve to support their contracts for two years ahead seems to be the general rule. The bigger concerns, however, employ diamond drills to prove and explore the extension of their ore-bodies in depth, and in certain cases these have been proved to extend to over 2,000 feet.

Apart from deep exploration, the large mines, such as Shabani for instance, are working on mineralized formations that extend almost continuously for over three miles and each of the mines being worked has a strike of from 2,000 to 3,000 feet in length, with a payable thickness of about 100 feet, dipping at roughly 20 degrees, these bodies are developed to a depth of over 4,000 feet on dip.

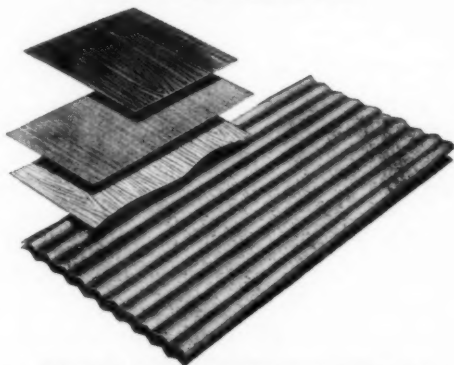
Although an accurate forecast of the future potential is difficult these figures provide a rough guide as to what may be expected in other parts of the serpentine formation. Also, a good indication may be had from the current output, from steady producers, and their expected "life" based on the capital invested and the extension of the ore bodies as disclosed by drilling, where this is undertaken. These appraisals are naturally supported by geological deductions as to the class of deposit and its economic possibilities laterally and in depth, and its relationship to the country in which it is situated.

A survey of these suggested indications points to a proved and possible and hidden reserve amounting to almost ten million tons of fibre of all grades of chrysotile, which means at the present rate of production, Rhodesia would appear to contain a future "life" of nearly 100 years.

Progress in the field of asbestos utilization and the increasing demand for asbestos products, suggests a mounting output from the country's resources and consequently a shorter "life".

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SUPRADUR MANUFACTURING CO. HONORED ON TENTH ANNIVERSARY

Supradur Manufacturing Company, of New York City, producers of a complete color styled line of asbestos-cement roofing and siding was signally honored recently on its Tenth Anniversary with the presentation of a birthday cake and a commendation at the International Home Building Exposition.

Presentation was made by Charles M. Jaeger, president of the Exposition, who is also president of the New York State Home Builders Association and a director of the Long Island Home Builders Institute. Presentation was made to John H. Steiner, Chairman of the Board, Supradur Manufacturing Company. Commendation was made to mark the company's contribution to satisfying the present day home owner taste in color styled exteriors and for the company's work with builders to meet homeowners' needs.

In the past seven years, Supradur has introduced a color-styled line of roofing and siding for residential building which has been used to roof and side over 200,000 homes in the Long Island area alone. The products are nationally distributed.

The company has carried out a continuous research program designed to increase the durability of the asbestos-cement siding and roofing and the ease of installation. The company has worked closely with builders in this area to work out time reducing methods of installation. A joint builder-manufacturer market research program has been in operation for several years to develop the color styling most acceptable to the modern home owner. The company is currently engaged in a long range diversification and expansion program.

Asbestos Exploration

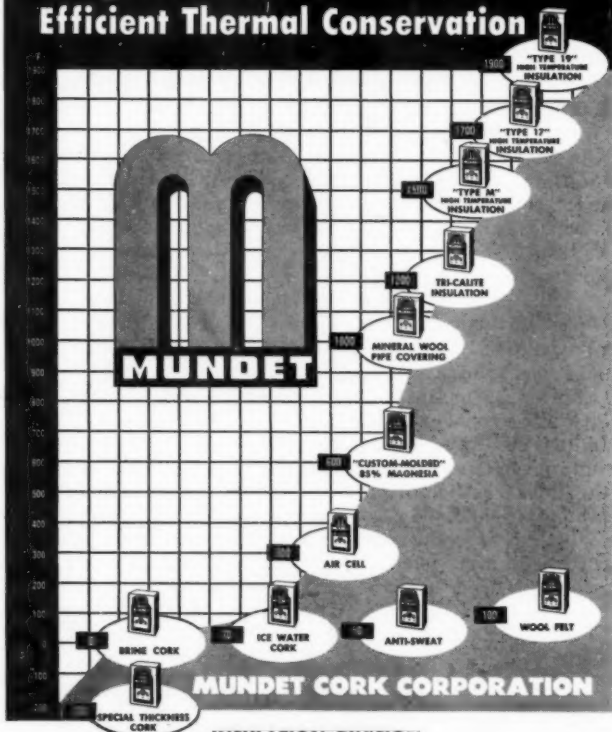
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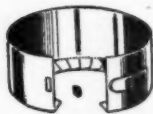
1954 CENSUS OF MINERAL INDUSTRIES PRELIMINARY REPORTS

Asbestos—The value of shipments of establishments primarily engaged in producing asbestos in 1954 was \$4,877 thousand. Principal expenses for these establishments included \$1,402 thousand for wages and salaries, \$606 thousand for supplies, \$313 thousand for fuel and electric energy, and \$174 thousand for contract work. The cost of purchased machinery installed was \$248 thousand. Employment averaged 435. Capital expenditures for exploration and development work, new construction, and new and used machinery amounted to \$363 thousand. The total horsepower of equipment available for use was 17 thousand.

The 49 thousand tons of asbestos produced in 1954 was slightly more than three times as large as production in 1939, the year covered by the preceding Census of Mineral Industries.

These statistics are derived from preliminary tabulations of reports received in the 1954 Census of Mineral Industries. Final and more detailed figures on asbestos and miscellaneous nonmetallic minerals will appear in the Census bulletin, "Miscellaneous Nonmetallic Minerals". This bulletin will be published and offered for sale by the Superintendent of Documents in the near future. Similar preliminary and final releases are being issued for other industries.

Copies of this report are for sale by the Bureau of Census, Washington 25, D. C. Price 10 cents.



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M. H. BAKER ADDRESSES BUILDING RESEARCH INSTITUTE

Chairman Melvin H. Baker of National Gypsum Company delivered on May 14, the keynote address at the opening session of the Building Research Institute's Fifth annual meeting in the Sheraton-Brock Hotel in Niagara Falls, Ontario.

A founder of the Institute in 1949, Chairman Baker discussed its rapid growth and the important role it has assumed in the building industry.

The Institute is a unit of the National Academy of Sciences-National Research Council. It is the technical society of the building industry and its primary purpose is to promote the advancement of building technology by bringing together those engaged in improving the design and construction of buildings.

The National Academy of Sciences-National Research Council is a private, non profit organization dedicated to the furtherance of science and its use for the general welfare. The Academy was established in 1863 under a Congressional charter signed by President Abraham Lincoln. The Council was established by the Academy in 1916 at the request of President Woodrow Wilson.

Highlights of the two-day session included panel discussions: "Building a New Community"; and "What Mrs. America Wants in Tomorrow's Home."

Other meeting topics included sessions on Standard Steel Buildings, Adhesives in Building and the Federal Housing Administration's technical program.

National Gypsum was the host company for the meeting. The 400 members attending the meeting were invited to visit the company's Clarence Center gypsum plant and the Metals Research Laboratories of the Electro Metallurgical Company in Niagara Falls, N. Y.

The Canadian Johns-Manville Co. Limited, Canadian Products Division, has moved its Montreal Office from Sun Life Building, to: Three-ten Victoria Avenue Guilding, corner Western and Victoria Aves., Westmount, Que., Canada.

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SAMPLE SEEKERS

Canadian Johns-Manville's Public Relations department receives over 300 written requests for samples annually. They come on imposing letter-heads, postcards or scraps of paper from business men, rock collectors, school-children, or the plain inquisitive across Canada and the U.S.A. Numerous requests have been received from people in Australia, Spain, Switzerland, France and Germany, all curious about this wonderful mineral.

Not only letter writers get samples. Last year over 9,700 people visited the Canadian Johns-Manville underground mine and open pit and each walked away with a little packet containing over an ounce of crude Number One fibre. Armand Lefebvre, clerk in the company's Public Relations department, estimates that he gives away over 1,600 lbs. of top grade fibre a year — a tidy figure, especially when you consider that it is worth 70 cents a pound.

CANADIAN SPECIFICATIONS

The list of Canadian Specifications has been amended as of March 31, 1956, and a copy can be obtained from the Canadian Government Specifications Board, National Research Council, Ottawa, Canada, (free).

The following Asbestos material is included in the list:

- 51-GP-1 Thermal Insulation (Amosite) for Piping, Machinery and Boilers for Marine Use, (Amendment No. 2).
- 51-GP-2 Thermal Insulation (Calcium Silicate-Asbestos) for Piping, Machinery and Boilers for Marine Use, (Amendment No. 2).
- 51-GP-3 Thermal Insulation (85% Magnesite) for Piping, Machinery and Boilers for Marine Use, (Amendment No. 1).

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ASPHALT AND ASBESTOS BUILDING MATERIALS

TECHNICAL BULLETIN No. T-55

RAYBESTOS - MANHATTAN, Inc.

This attractive and instructive Bulletin describes R/M Asbestos Products for Plastic Laminates. It presents engineering and design data in the form of Instructive charts of developed physical properties.

One of the very interesting paragraphs under Asbestos Fibre reads:

The several groups of products described in this brochure are manufactured principally from spinning grades of asbestos fibre. The consideration of their use, particularly for military requirements, inevitably raises the question of availability during periods of National emergency. As of January 1, 1955 all grades of asbestos spinning fibre are in ample supply. Furthermore, careful evaluation of the situation indicates that asbestos spinning fibre will be available in ample tonnage for all essential uses even in the event of war. This condition is so different from the supply situation prevailing during World Wars I and II that a detailed presentation of the facts is in order.

The Asbestos Textile Institute is an association of asbestos textile manufacturers in the United States, England and France. The Quebec Asbestos Mining Association is an association of the principal asbestos mines in Canada. At the request of the Asbestos Textile Institute, the Quebec Asbestos Mining Association has prepared a careful estimate of the potential production of asbestos spinning fibre in Canada under war conditions. This total is officially stated at 54,000 tons yearly.

Under normal conditions the United States purchases approximately 60% of the annual production of Canadian spinning fibre. The United States normal share of the potential annual Canadian production would therefore be 32,400 tons, and could be considerably larger if required for our mutual defense.

Our national consumption of asbestos spinning fibre

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Nylon Content

over the past several years has been as follows:

1951—23,184 tons

1952—24,668 tons

1953—20,259 tons

1st 6 Mos. '54— 9,425 tons

Recent changes in Federal specifications have materially lessened the war time need for asbestos spinning fibre. It will therefore be readily seen that Canada alone can now furnish a far greater tonnage of asbestos spinning fibre than there is any likelihood of our needing even in the event of all-out mobilization. It should be remembered that South Africa, Rhodesia and South America also furnish additional tonnages of asbestos spinning fibre to the United States.

The only grades of asbestos spinning fibre currently (January 1, 1955) considered critical by the U.S. Government are the non-ferrous grades of African spinning fibre—and these primarily from a logistics standpoint. Even this situation is rapidly being corrected. During 1955 the Cassiar Asbestos Mines in British Columbia will produce approximately 10,000 tons of non-ferrous asbestos spinning fibre. Cassiar fibre is even lower in iron content than the fibre the United States has for years imported from South Africa and Southern Rhodesia. The production of Cassiar mines is available to asbestos textile manufacturers in the United States in whatever tonnage is required.

In view of these well documented facts, no development engineer should have any hesitancy in specifying asbestos base reinforced plastics for any military or civilian requirement.

JOHN HOLT & COMPANY INC

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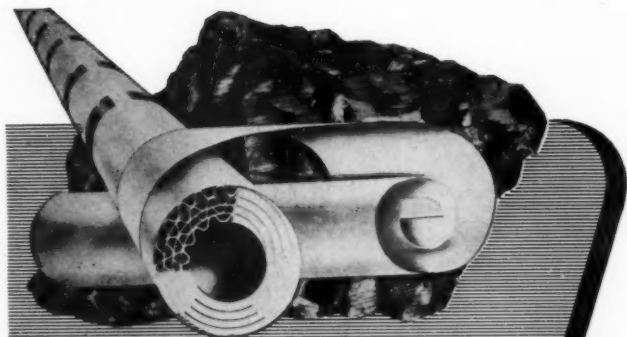
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MARKET CONDITIONS

GENERAL BUSINESS.

While business in general continues good there is some concern with the slump in sales of automobiles and certain appliances. Housing starts are also down from the same period last year. At the moment no sharp general decline is anticipated by either government or business leaders but the consensus of opinion is that business will continue at a somewhat lower level through the third quarter and show a reasonably good improvement during the fourth quarter of this year. Capital goods production continues at a high rate and, because of the long term nature of such business no serious decline can be foreseen at present.

ASBESTOS — RAW MATERIAL.

The consumption of asbestos of practically all grades is running at anticipated levels for this season of the year.

The slow-down in automotive production has had its effect on the demand for the types of fibre used in those products.

There has been no significant change in the trend of demand for the major consuming industries.

Inventories are believed to be at fairly high levels, particularly abroad, and stocks at the mines are generally above normal in anticipation of the usual summer and fall demand.

ASBESTOS GOODS — MANUFACTURED GOODS

Asbestos Textiles. There appears to be a slight improvement in demand for both cloth and tapes. The wire industry is still holding up well. The balance of the year looks reasonably favorable and it is hoped that slight improvement over last year's total volume will be shown.

Asbestos Brake Lining. The replacement market is good, being up 33-1/3% over last year. There is a slump in equipment sales due to labor cut-backs.

CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET INDUSTRIES, INC.

ASBESTOS FIBRE DIVISION

70 Pine Street

New York 5, New York

Asbestos Paper. The demand for paper is holding steady and production capacity exceeds demand. Volume for *Millboard* seems to have picked up during the past month as a result of people taking advantage of protected prices. Demand and production of *Saturated Paper* are currently about on an even basis. With improvement in weather and increase in construction for the balance of the year, there should be a substantial demand.

High Pressure Insulation. A slight improvement is being experienced; however, order bookings are much below that which is customary for this time of year. The outlook is only fair with little anticipation of a substantial increase by the end of the year.

Low Pressure Insulation. The demand for this product is much less at this time of the year than normally. However, with the volume of work that has been held up, due to weather conditions, throughout the country, it is expected to improve.

Asbestos Cement Products. The usual Spring increase in sales is being felt. The outlook is encouraging and a 10% to 15% increase over last year is anticipated.

Supply of corrugated and flat continues to be just about even with production.

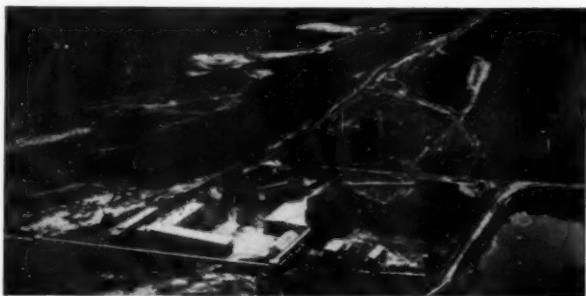
There is no slackening in the Pressure and Sewer Pipe demand. House and electrical Conduits sales continue good.

The demand for Asphalt Tile continues steadily and there is a currently increased demand for vinyl asbestos tile. It is estimated that total industry sales of asphalt and vinyl asbestos tile will be approximately one billion square feet or about 12% ahead of last year's record sales.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

The Ruberoid Co. is to supply part of the roofing materials required for the British Motor Corporation's new car assembly plant at Sydney, Australia.

FLINTKOTE MINES LIMITED



View of site at Thetford Mines, Quebec



◀ *Modern, self-propelled drilling equipment*



Electric shovel and huge diesel truck at the Flintkote Thetford Mine

**Flintkote... a major asbestos producer
... now offers asbestos fibres for sale.
Inquiries should be addressed to**

**Flintkote Mines Limited
(subsidiary of The Flintkote Company)
Thetford Mines, Quebec, Canada**

BUILDING

Continuing strong demand for building and engineering structures boosted contract awards for future construction in the 37 eastern states to a total of \$2,421,497,000 in April, stated F. W. Dodge Corporation, construction news and marketing specialists. This was a record April, up four per cent over April 1955, and the second highest contract figure for any month in Dodge history. (May 1951, in which \$980 million Atomic Energy Commission awards were let, was the highest.)

A new first four-month record of \$8,521,369,000 was also established. This total was 13 percent greater than that of the 1955 period.

According to Dodge Reports the April residential figure of \$1,144,160,000 was by a small margin the greatest for any month in Dodge history; it was up seven percent over April 1955.

April also set a record for the month in non-residential contract awards for future construction at \$821,549,000, up 16 percent over April 1955.

Although heavy engineering contracts at \$455,788,000 were down 17 percent when compared to April 1955, the total was greater than March 1956.

Major construction categories also set first four-month records, as follows: Non-residential at \$2,993,989,000 was up 17 percent over first four months 1955; residential at \$3,743,188,000 was up eight percent; and heavy engineering at \$1,784,192,000 was up 20 percent over the 1955 period.

ASBESTOS FIBRES
ASBESTOS WASTE
Frank G. Ruggles Co. Inc.
50 CHURCH STREET
NEW YORK 7, NEW YORK

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starting from the usual



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**OF EVERY SHAPE
AND DIMENSION**



- TOUGH**
- RESILIENT**
- COMPACT**
- WATERPROOF**

PLANTS ALREADY IN OPERATION IN OUTSTANDING FACTORIES

Inquiries for Details, Quotations and References are welcome.

ING. G. MARCHIOLI

22 Morgagni, Milan, Italy

Cable: MINITA—MILANO

Phone: 26 67 27

Top honors for excellence in building product literature and space advertising directed to architects were presented on May 14 to the Acoustical Materials Association, American Brass Company, Armstrong Cork Company, Aluminum Company of America and Knoll Associates. Each received a certificate of exceptional merit, the highest award conferred by the Jury of Awards for the Building Product Literature Competition.

This year's competition, which attracted nearly 300 entries, was the eighth. Presentation of awards took place at the Annual Spring Meeting of the Producers' Council in the Biltmore Hotel in Los Angeles.

"Advanced Designing With Asbestos-Cement Sidewalls and Roofing" is the title of the booklet published by the Asbestos-Cement Products Association. It shows six houses which illustrate how asbestos-cement building materials, famous for fire-safety and permanence, contribute color, beauty and distinctive charm to modern architecture. Copies may be obtained from the Asbestos Cement Products Association, 509 Madison Avenue, New York 22, N. Y.

**Complete Plants for making
ASBESTOS CEMENT PIPES**

Socketed and Non-socketed,
Automatic Pipe Testing Machines — Precision Steel Mandrels
Plants for making Sheets,

Plants designed, equipped and financed

ASBESTOS CEMENT ENGINEERING CO. S. ar. I.

Viale Misurata, 10, Milan, Italy

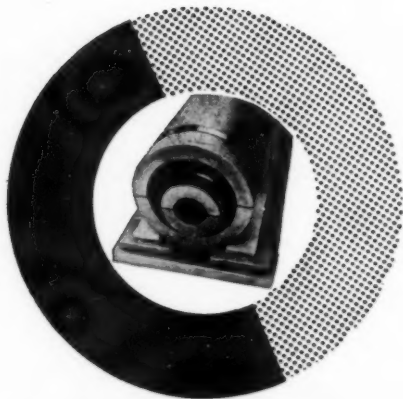
Agents for overseas:

Wipol Ltd., 71 Lincoln's Inn. Fields, London W. C. 2

WILHELM BURGDORF

Importer of Raw Asbestos

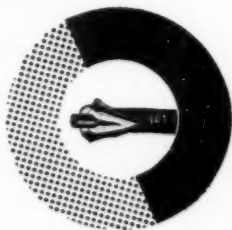
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tape • Asbestos fiber • Insutape pipe
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specialty insulation



write for illustrated Brochure

UNION ASBESTOS AND RUBBER COMPANY

332 SOUTH MICHIGAN AVENUE — Chicago 4, Illinois

AUSTRALIA'S BIGGEST ROOF

The biggest roof in Australia is at present being built at Chullora, N.S.W., for the Department of Government transport. There are going to be nearly eight acres of corrugated Fibroek roofing sheltering the most up-to-date maintenance workshop for the whole fleet of 1500 buses.

The whole of the roof is constructed in steel and covered with Fibroek asbestos cement. External walls are of brick and glass; floors are concrete in the main area, woodblock in the machine shops, and Vinyltiles in the amenities. Amenities are split into small units distributed throughout the building, another departure from conventional factory planning.

The department expects the new workshops to be completed by June, 1957.

ARIZONA ASBESTOS

Mined and Milled by

JAQUAYS MINING CORPORATION

1219 S. 19th Avenue

PHOENIX, ARIZONA

Producers of Low Iron Chrysotile
Crudes and Filter Fibre

MINES AND MILL IN GILA COUNTY

PACKOMATIC Shows the way to increased efficiency in your **BALE SEALING** operation.

- **ADJUSTABLE**—to the accepted range of **ASBESTOS** Bale Sizes.
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- **STURDY**—built for efficient-trouble-free performance to give long years of continuous service—finest workmanship and materials.
- **CUSTOM—DEVELOPED OUT OF THE EXPERIENCE IN THE ASBESTOS INDUSTRY.**



USERS:

Canadian Johns-Manville Corp.
The Ruberoid Company
Flintkote Mines, Ltd.

We are represented in the principal cities of the United States, Canada and Overseas Export Offices in New York City.

Your direct inquiry will receive prompt attention.

PACKOMATIC

T. M. REG. U. S. PAT. OFF.

PACKAGING MACHINERY

J. L. FERGUSON CO JOLIET ILL

Chicago, New York, Boston, Philadelphia, Tampa,
Cleveland, Denver, San Francisco, Los Angeles,
Baltimore, Seattle, Portland, Dallas, New Orleans

PRODUCTION STATISTICS

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for March 1956 (Quebec)	72,821 tons
Other Provinces	3,947
	76,768

Total production for March 1956 was 78,524 tons.

AFRICA (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2000 lbs.

Production for January 1956	9,911.98 tons
Valued at	£707,900
Production for January 1955	7,181.69 tons
Valued at	£495,538

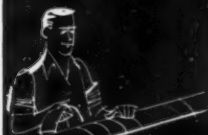
AUSTRALIA—Statistics

(Published by Bureau of Mineral Resources, Geology and Geophysics,
Dept. of National Development)

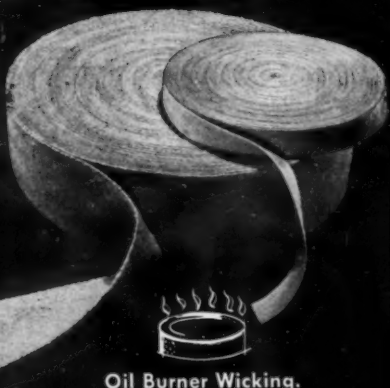
Tons 2240 lbs.

	Quarter ending September 30, 1955
<i>Production</i>	
Chrysotile	298 tons
Crocidolite	1,640
	1,938
<i>Imports</i>	
Amosite	2,456 tons
Chrysotile	6,960
Crocidolite	22
Other	9,438
<i>Exports</i>	
Chrysotile	26 tons
Crocidolite	1,783
Other	12
	1,821

***Strong and flexible...
never unravels!***



Insulation



Oil Burner Wicking.

J-M Asbestos Tape

A combination of exceptional electrical and thermal insulating properties with high tensile strength makes Johns-Manville Asbestos Tape a highly useful and versatile product. It insulates wires, coils, cables and other electrical conductors; controls heat in small steam pipes and bends; serves as a conveyor belt for hot materials; and, with wire inserts, is used where high temperatures and abrasive conditions prevail or where greater

physical strength is required.

Johns-Manville Asbestos Oil Burner Wicking is a special type of tape made for maximum efficiency in this service. In addition to the generally used closely woven plain tapes, Johns-Manville furnishes open mesh weaves, looped edges and other styles. For more information, ask for new brochure TX-2A. Johns-Manville, Box 60, New York 16, N. Y. In Canada, Port Credit, Ont.



Johns-Manville ASBESTOS TEXTILES

Imports of Asbestos by United Kingdom

Raw Material

	March 1956 Tons (2240 lbs.)
From: Union of South Africa	1,800
Basutoland, Bechuanaland & Swaziland	1,006
Rhodesia and Nyasaland	4,651
Canada	2,584
Foreign Countries	648
	<hr/> 10,689

These figures were supplied by Reuters Economic Services, Johannesburg.

CYPRUS

(From Inspector of Mines)

1st Quarter ending March 31, 1956
Tons 2000 lbs.

	January	February	March
Rock Mined	1,613	927	726
Rock Treated			
Fibre Produced	5	11	17
Fibre Exported	500	200	90

TRANSVAAL BLUE FIBRES

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Apply Sole Distributors:

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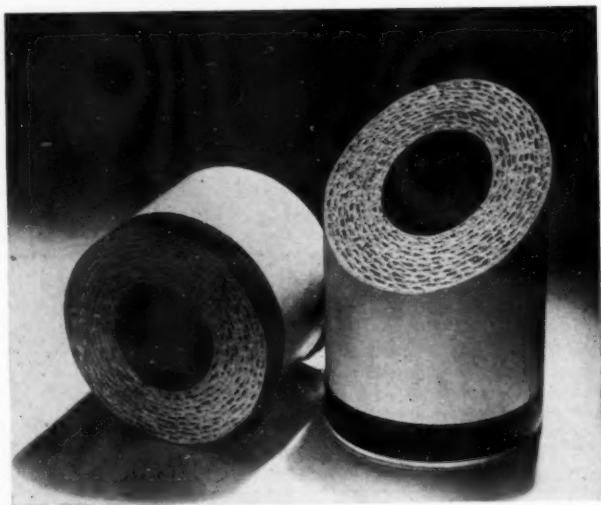
Johannesburg

Union of South Africa

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ATASCO LAMINATED PIPE COVERING

For Temperatures up to 650° F.

Write for attractive prices

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Atasco Cell

Asbestos Aircell

Anti-sweat

Wool Felt

Frost-Proof

Asbestos Aircell Sheets

Asbestos Paper

**2128 Westchester Ave., Bronx 62, New York
Branch Plant—Red Hook, N. Y.**

AUTOMOBILE SALES

	April 1956
Passenger Cars	552,881
Motor Trucks	101,081
Motor Coaches	371
	<hr/> 654,333

In April 1955, a total of 881,840 motor vehicles were sold. In the four months of 1956 the total was 2,698,154.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

PHILLIPS ASBESTOS MINES

Producers of

CRUDES

and

FIBERIZED ASBESTOS

The World's Finest Fibres

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GLOBE, ARIZONA

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"Tropag"

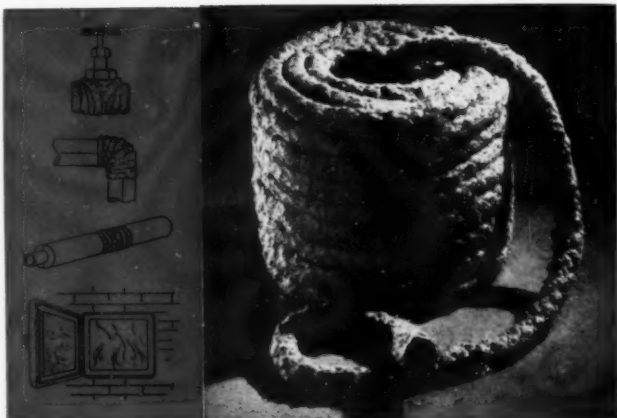
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insulate better, faster, cheaper—with

CAPOSITE asbestos rope

This is no ordinary asbestos rope. It is 100% virgin long-fiber high-temperature Amosite asbestos—lighter in weight, higher in insulating efficiency. Can be removed and re-applied repeatedly for service up to 750°F.—will insulate effectively up to 1200°F. Available in diameters from 1/2" to 2" in coils of 100 lineal feet. Write for Bulletin 101 and samples.

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In the United States

NORTH AMERICAN ASBESTOS CORPORATION

Board of Trade Building • Chicago 4, Illinois



In Canada

CAPE ASBESTOS (Canada) Limited

200 Bloor Street East • Toronto, Ontario • Canada

Subsidiaries of The Cape Asbestos Company Ltd. • London

IMPORTS AND EXPORTS

Imports Into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	February 1956 Tons (2240 lbs.)
From Canada	44,380
Rhodesia (Ny)	1,041
Union of S. Africa	1,773
Australia	403
United Kingdom	50
Other Countries	119
	47,766
Valued at	\$ 4,972,937

By Grades:

Crude No 2, Chrysotile, Canada	22
Crude, Other, Chrysotile, Rhodesia (Ny)	1,005
Crude, Other, Chrysotile, Other Countries	66
Crude, Blue, Australia	403
Crude, Blue, U. of S. Africa	1,288
Crude, Amosite, U. of S. Africa	485
Textile Fibres, Chrysotile, Canada	1,513
Textile Fibres, Chrysotile, U. Kingdom	50
Textile Fibres, Chrysotile, Rhodesia (Ny)	36
Textile Fibres, Chry., Other Countries	7
Shingle Fibres, Chrysotile, Canada	6,876
Paper Fibres, Chrysotile, Canada	2,870
Other Fibres, Chrysotile, Canada	33,090
Other Fibres, Chrysotile, Other Countries	46
	47,766

Manufactured Asbestos Goods:

	February 1956 Quantity (Lbs.)	Value
Asbestos Yarn, United Kingdom	82,788	\$ 58,027
Other Countries	9,334	12,152
Asbestos Packing & Lining	5,334	1,905
Asbestos Shingles ((Not Impreg). Canada	897,277	80,834
Italy	1,299,707	51,442
Other Countries	51,865	3,035

CENTRAL ASBESTOS LTD. CO.

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'Phone: BERMONDSEY 3864

Cables: CENBESTOS LONDON

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Corner of Our Factory in London Showing
Asbestos Awaiting Processing

CAPE BLUE ASBESTOS

- HIGH TENSILE STRENGTH
- HIGH ACID RESISTANCE
- STRICT QUALITY CONTROL

DIRECT FROM THE MINES IN SOUTH AFRICA
OR FROM BUFFER STOCKS IN LONDON

We process to customers' requirements all types of Asbestos
ENQUIRIES WELCOMED FOR

CAPE BLUE TRANSVAAL BLUE • AMOSITE • CHRYSOTILE ETC.

Asbestos Shingles (Impreg.)	19,580	2,013
Asbestos Manufactures — Others		2,946
	<hr/> 2,273,763	<hr/> \$142,184

Exports from Canada

(Published by Dominion Bureau of Statistics)

	February 1956	
	Tons (2000 lbs.)	Value
<i>Unmanufactured Asbestos:</i>		
<i>Crude</i>		
United States	45	\$ 36,543
United Kingdom		
South America		
Central America and Mexico		
European Countries		
Other Countries		
	<hr/> 45	<hr/> \$ 36,543
<i>Milled</i>		
United States	12,789	\$2,354,613
United Kingdom	1,372	345,079
South America	267	57,477
Central America and Mexico	1,246	212,721
European Countries	1,528	278,027
Other Countries	1,781	268,880
	<hr/> 18,983	<hr/> \$3,516,797
<i>Shorts</i>		
United States	39,138	\$1,974,048
United Kingdom	1,320	52,738
South America	30	2,460
Central America and Mexico	182	14,849
European Countries	766	41,570
Other Countries	383	28,902
	<hr/> 41,819	<hr/> \$2,114,567
<i>Grand Total — Unmanufactured</i>		
Asbestos	60,847	\$5,709,726
<i>Manufactured Asbestos Goods:</i>		
Brake Lining		\$ 36,400
Packing		1,297
Other Materials		140,233
		<hr/> \$ 177,930

BELL ASBESTOS MINES LTD.

THETFORD MINES, QUE.

CANADA



***Producers of
Raw Asbestos Crudes
& Fibres***



Sales Representatives

for

Cassiar Asbestos Corporation Limited

Exports from U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	Year 1955	
	Tons (2240 lbs.)	Value
To: Europe	1,112	\$122,569
Canada	167	21,285
Central America and Mexico	121	25,702
South America	173	31,253
United Kingdom	233	20,671
Other Countries	123	14,856
	1,929	\$236,336

Manufactured Asbestos Goods:

	Year 1955	
	Quantity	Value
Asbestos Pipe Covg. & Cement ... Lbs.	6,079,099	\$ 806,976
Asbestos Textiles & Yarn ... Lbs.	843,415	837,998
Asbestos Packing ... Lbs.	1,575,866	1,767,658
Asbestos Clutch Facings & Linings ... No.	1,182,728	927,597
Asbestos Brake Lining (Mld. & S. Mld.) ... Lin. Ft.	1,932,336	635,674
Asbestos Brake Lining Rolls (Woven) ... Lin. Ft.	504,498	392,507
Asbestos Bk. Lng. — Other ... Lbs.	4,580,441	3,967,134
Asbestos Construction Materials ... Lbs.	32,790,200	3,055,227
Asbestos Manufactures — Others ...		430,146
		\$12,820,917

Exports From U. S. A.

(Figures by Bureau of Census)

Manufactured Asbestos Goods:

	February 1956	
	Quantity	Value
Asbestos Brake Lining		\$481,446
Asbestos Construction Materials ... Lbs.	3,281,395	262,520
Asbestos Manufactures — Other ...		366,630
		\$1,110,596

LAKE ASBESTOS APPOINTS MANAGER

Michael J. Messel has been appointed General Manager of Lake Asbestos of Quebec, Ltd., according to a recent announcement by Robert D. Bradford, president of this wholly-owned subsidiary of American Smelting and Refining Co.

IF YOU MAKE

*Asbestos
Cement Pipes*

YOU MUST USE

HARDMAN'S

All-Nylon

TOP FELTS

AND OBTAIN DOUBLE THE LIFE



THOMAS HARDMAN & SONS LTD.

Fernhill Mills, BURY,
LANCASHIRE, ENGLAND

CABLES: FELTS. BURY.

NEWS OF THE INDUSTRY

HAPPY BIRTHDAYS

- E. B. Poulin, Secy.Treasurer, Asbestonos Corporation, Ltd., Montreal, Canada, June 20.
- Ladd L. Wilson, President, Sall Mountain Division, Nicolet Industries, Inc., Hamilton, Ohio, June 20.
- Kenneth Gray, Director, The Cape Asbestos Co., Ltd., London, England, June 21.
- L. R. Leaver, Vice President, Thermoid Company, Trenton, N. J. June 21.
- Harold W. Donnelly, Vice President, Norristown Asbestos Division Nicolet Industries, Inc., Norristown, Pa., June 22.
- C. A. Schell, Vice President, Thermoid Company, Trenton, N. J., June 22.
- L. M. Clarke, Jr., The Philip Carey Mfg. Company, New York City, June 26.
- A. F. Moore, Retired Manager, Asbestos Department, The Philip Carey Mfg. Co., Cincinnati, Ohio, June 26.
- H. A. King, Manager, Asbestos Fibre Sales, The Ruberoid Co., New York City, June 28.
- L. B. Palmer-Ball, President, Palmer Asbestos Company, Louisville, Ky., June 29.
- Ernest A. Beldam, Director, Beldam Asbestos Co., Ltd., Hounslow, England, June 30.
- Vincent W. Hemphill, Secretary, Standard Asbestos Mfg. Company, Chicago, Ill., July 1.
- S. E. Breuleux, Treasurer, The Philip Carey Mfg. Company, Cincinnati, Ohio, July 6.
- Charles S. Wood, Treasurer, Chas. S. Wood & Company, Newark, N. J., July 6.
- C. L. Hoshaw, Manager, Construction Division, The Philip Carey Mfg. Company, Cincinnati, Ohio, July 7.
- G. K. McKenzie, Secretary, The Flintkote Company, New York City, July 7.
- Capt. W. A. Janitch, R. E., Representative in Great Britain for Asbestos Corporation Ltd., London, England, July 10.
- A. M. Ehret, Jr., President, Ehret Magnesia Mfg. Company, Valley Forge, Pa., July 11.
- H. W. Prentis, Jr., Chairman, Armstrong Cork Company, Lancaster, Pa., July 11.
- Irving McCormick, President, The McCormick Asbestos Company, Baltimore, Md., July 13.
- Carlo M. Weber, Manager, Careystone Corrugated Dept., The Philip Carey Mfg., Company, Cincinnati, Ohio, July 14.

We extend congratulations and best wishes to all these gentlemen on the occasion of their birthdays.



C.J. PETROW & CO. (PTY) LTD.

ASBESTOS

VOLSKAS BUILDING 74 MARKET STREET
JOHANNESBURG, SOUTH AFRICA

**SOUTH AFRICAN
RHODESIAN**

ASBESTOS FIBRES

All Grades - All Types

P. O. Box 11000

Cable: SOTSEBSA

ASBESTOS TEXTILES

are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.



Write: Asbeston® Dept., Textile Division

UNITED STATES RUBBER COMPANY

1230 Avenue of the Americas, New York 20, N. Y.



CAREY PROMOTES FIVE TO SALES AND MERCHANDISING POSITIONS

The Philip Carey Mfg. Company of Cincinnati, Ohio recently appointed five men to key management positions.

R. F. Turner has been appointed to the newly-established position of Sales Promotion Manager. Mr. Turner joined The Philip Carey Mfg. Company in 1934 and one year later became Roofing Sales Manager of the Midwest region. He was put in charge of Building Materials Division sales for the Cleveland district in 1937 and was promoted to Assistant Manager of the Philadelphia district in 1942. Prior to his new appointment, Mr. Turner was National Sales Manager of the Building Products Division and recently Sales Manager of Building Products (National Accounts) where he supervised sales to pre-fab manufacturers.

Appointed as District Manager of the newly-formed Indianapolis district is *Robert D. Williams*. Mr. Williams joined Carey as a salesman in 1929 and was made Assistant Manager of the Cincinnati District in 1955.

C. E. Morgan has been appointed Assistant Manager of the Cincinnati District, replacing Mr. Williams. Before joining Carey in 1950 as a general line salesman, he managed several lumber yards in Indiana. In 1955, Mr. Morgan was promoted to Merchandising Manager of the Paint and Emulsion Department.

G. C. Fugett is the new Merchandising Manager of the Paints and Emulsion Department. He joined Carey in 1948 as a Sales Trainee and became a general line salesman in Massillon, Ohio one year later. Mr. Fugett was transferred to Cleveland in 1953 as a dealer salesman.

N. D. Musser has been appointed Assistant Merchandising Manager of the Building Products Department at Lockland. Prior to joining the Carey sales staff, Mr. Musser was an architectural engineer. He has been a general line salesman in the Minneapolis territory since 1953.

UNION ASBESTOS & RUBBER CO.

William H. Fehrs, vice president, has been named manager of sales for the Union Asbestos & Rubber Company's Hand Brake Division and asbestos products to railroads.

In 1928 he joined Unarco for a position in the railroad sales department. Two years later, he was made assistant to the vice president of the company's Automotive Division, subsequently becoming the division's sales manager.

Later, he served as plant manager of Unarco's Cicero factory, and in 1944, was made assistant to the president in charge of railroad sales, a position he held for four years when he became vice president in charge of railroad sales. He was elected secretary in 1955.

CABLE ADDRESS METABEST

METATE ASBESTOS CORPORATION

Producers of

ARIZONA CHRYSOTILE CRUDES

and

FILTRATION FIBRE

Mines & Mill:

**SAN CARLOS
INDIAN RESERVATION
GILA COUNTY, ARIZONA**

**P.O. BOX 1506
GLOBE, ARIZONA**

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

**Our experienced engineers and machinists offer the
industry entire machines built to deliver maximum
production.**

Your Inquiries Are Invited

1-51 Paterson Avenue

E. Rutherford, N. J.

ASTM STANDARDS ON TEXTILE MATERIALS
Committee D-13

The latest ASTM tentative and standard methods of test, specifications and definitions pertaining to textile materials are included in this book which was prepared by ASTM Committee D-13 on Textile Materials. Of the 118 standards and tentatives, 22 are new or revised since the previous edition of the book was published in October 1954. The book contains the 1955 report of Committee D-13 on Textile materials, a list of other publications and papers on textile materials, regulations governing Committee D-13, the names and addresses of subcommittee chairman, past and present officers, and personnel of Committee D-13.

Copies may be purchased from the American Society for Testing Materials, 1916 Race St., Philadelphia 3, Pa., at \$5.75 per copy.

AMERICAN BRAKE SHOE CO.
First Quarter Report

A sharp increase in shipments and earnings in the first quarter was reported to stockholders of American Brake Shoe Company at their annual meeting held in New York City recently.

Shipments were up 54% compared to the first quarter last year while net earnings after taxes gained 69%. After preferred dividends, first quarter earnings equaled \$1.76 per share of common against 98c last year.

Sales were up nearly \$16,000,000, from \$30,577,579 in 1955 to \$47,170,034 for the first quarter of 1956. Net earnings increased nearly \$900,000 from \$1,276,566 a year ago to \$2,159,756 this year.

Orders received in the first quarter totaled \$56,300,000, a record for any quarterly period in Brake Shoe's 54 year history.

UNITED STATES RUBBER CO.
First Quarter Report

Net profit for United States Rubber Co. should set a new record during 1956 despite a 10 per cent decline during the first quarter according to H. E. Humphreys, Jr. Chairman.

Net profit for the quarter will be about 9 million dollars compared with \$9,940,000 in 1955, but April business should be enough better than last year that profit for the first four months of this year should equal 1955.

Mr. Humphreys estimated that sales would set a new record of 230 million dollars compared with 225 million during the first quarter of 1955. Despite the fact that automobile production will probably be less than first estimated they still expect 1956 total sales of close to one billion dollars.

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THETFORD MINES, P.Q., CANADA**

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**ALL SPECIAL ASBESTOS MILLING
MACHINERY**

COMPLETE ASBESTOS MILLS



We have facilities for evaluating bulk samples of asbestos ore including processing with latest air swept mill equipment.

*Your inquiries for additional information
are welcomed*

UNION ASBESTOS & RUBBER CO.

Changes in Personnel

John F. Corcoran has been promoted to general manager of the Union Asbestos & Rubber Company's Equipment Steel Products, Equipment Specialties, Coldmobile and Hand Brake Divisions, and *Emil T. Johnson* has been named general manager of the Fibrous Products Division, according to a recent announcement.

Both vice presidents, they will be responsible for the activities of the Divisions they head.

Mr. Corcoran joined the company in 1952 as director of sales and the following year was made vice president. Operations of the Divisions which he is taking over, are located in the company's Blue Island, Illinois plant.

Mr. Johnson, who joined the company in 1947, will be in charge of the company's line of asbestos insulation and textiles in the Bloomington, Illinois; Tyler, Texas; and Marshville, N. C. plants.

THE RUBEROID CO.

Changes in Personnel

The Ruberoid Co. has recently announced the appointment of *Rhys L. Stanger*, Fort Wayne, as the company's Chicago Sales Manager. He will assume his new duties immediately and make his headquarters in Chicago.

Mr. Stanger joined Ruberoid as a sales representative in New York City in 1950. He took over the Indiana territory in 1954. Previously, he was sales representative for Eastman Dillon & Co. and The American Optical Co.

William C. O'Brien, Philadelphia, has been appointed the company's New York District Sales Manager.

Mr. O'Brien will make his headquarters in South Bound Brook, N. J., when he assumes his new duties on May 1. He will replace *Ira Ruhl*, who will retire on that date.

A veteran of many years experience in the building materials field, Mr. O'Brien joined Ruberoid in 1941. Since that time he has been a sales representative in the Philadelphia area.

OVERSEAS MINERAL DISTRIBUTING CORPORATION

To consolidate certain asbestos interest, a new company named the Overseas Mineral Distributing Corporation, was formed recently.

This Company produces and exports various grades of Amosite, Blue and Chrysotile asbestos and handles the sale of fibre from its own mines, as well as acting as the selling agent for other producers. The Company's offices are in Annan House, Johannesburg, S. Africa.

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Grades: Spinning, 3Z, 4H, 5R, 6D, 7M

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CAPE BLUE

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Grades: 1, 2, 3

TRANSVAAL BLUE

Baboon Asbestos Co.

Springbok Asbestos Co.

Grades: TD1, TD2, TD3, TD4

KEASBEY & MATTISON REORGANIZES ITS SALES SUPERVISORY STAFF

Keasbey & Mattison Company, manufacturer of asbestos and magnesia products, has reorganized its sales supervisory staff through the creation of three separate divisions within its sales department.

Each of the new sales divisions is headed by a general sales manager entirely responsible for all phases of sales management within his division.

Heading the building materials division as general sales manager is *J. F. Gorman*, formerly manager of the shingle and wall finish line department. His jurisdiction includes products of the shingle, wall finish line, asphalt, corrugated asbestos and sprayed "Limpet" asbestos departments.

N. L. Barr, formerly district manager at Atlanta, Ga., is general sales manager of the asbestos-cement pipe division with jurisdiction over all products manufactured on asbestos-cement pipe machines.

The industrial products division is headed by *Daniel Shoemaker* as general sales manager of insulation, textile, paper and millboard, packing, electrical and commercial magnesia products.

S. C. Outlaw has been appointed to succeed Mr. Barr as district manager at Atlanta; *L. R. Enslin* to replace Mr. Gorman as manager of the shingle and wall finish line department. Mr. Enslin continues as manager of the corrugated asbestos department with *C. L. Annis* appointed as his assistant.

CAREY THREE MONTHS REPORT

Report for the three months ended March 31, 1956 was issued recently by The Philip Carey Mfg. Company, and gives the following figures:

Sales 1956	\$14,666,768
Compared with same period in 1955	12,510,870
Net Earning after income taxes	108,360
Compared with same period in 1955	308,704
Earnings per common share13
Compared with same period in 195534

JOHNS-MANVILLE ELECTS NEW DIRECTORS

Election of two new directors to the Board of Johns-Manville Corporation was announced recently.

The new Johns-Manville directors are *Joseph A. Grazier* of New York, President of American Radiator & Standard Sanitary Corporation, and a director and member of the Executive Committee of that company; and *Edgar Gordon Burton, C.B.E.*, Chairman and President of Simpsons, Limited and President of Simpsons-Sears Limited, Toronto, Canada.

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CONTRACT LET FOR ASBESTOS MILL CONSTRUCTION

A \$7,700,000 contract for construction of a large asbestos ore milling plant, to be capable of treating 5,000 tons of ore per day, has recently been let to F. H. McGraw Company of Canada, Ltd., by Lake Asbestos of Quebec, Ltd., it has been announced by R. D. Bradford, President of this wholly-owned Canadian subsidiary of American Smelting and Refining Company.

Work will start immediately on the mill and it is expected that it will be finished in the early spring of 1958. Altogether, more than \$9,000,000 will be spent for the structure and milling machinery to be used for separating the asbestos fibre from its ore. Approximately 100,000 tons of asbestos fibre will be produced annually at the Lake Asbestos mill.

CURRENT RANGE OF PRICE

As of June 10, 1956

Arizona—

Per Ton of 2,000 lbs., f.o.b. Globe, Arizona

No. 1 Crude (soft)	\$1,500.00 to \$1,750.00
No. 2 Crude (soft)	900.00 to 1,050.00
No. 3 Crude (soft)	400.00 to 450.00
Filter Fibre (soft)	250.00 to 450.00
No. 1 Crude (semi-soft)	1,200.00 to 1,500.00
No. 2 Crude (semi-soft)	900.00
No. 3 Crude (semi soft)	400.00

Canada—

Per Ton 2000 lbs. f.o.b. Mine

Group No. 1 (Crude No. 1)	\$1,400.00 to \$1,725.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	750.00 to 1,100.00
Group No. 3 (Spining Fibre)	350.00 to 575.00
Group No. 4 (Shingle Fibre)	170.00 to 225.00
Group No. 5 (Paper Fibre)	110.00 to 140.00
Group No. 6 (Waste, Stucco or Plaster)	82.00
Group No. 7 (Refuse or Shorts)	38.00 to 75.00

Vermont— Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.

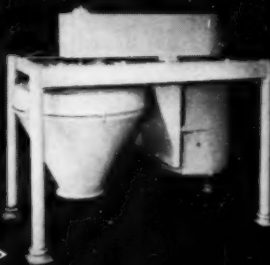
Group No. 3 (Spinning & Filtering)	\$ 353.00 to \$ 383.00
Group No. 4 (Shingle Fibre)	172.00 to 190.00
Group No. 5 (Paper Fibre)	114.00 to 145.00
Group No. 6 (Waste, Stucco or Plaster)	82.00
Group No. 7 (Refuse or Shorts)	39.00 to 72.00

FOR THE ASBESTOS PROCESSING INDUSTRY...

"ENTOLETER" IMPACT MILL...

the modern, high efficiency equipment for asbestos guarantees fiberizing various grades without fiber-degradation.

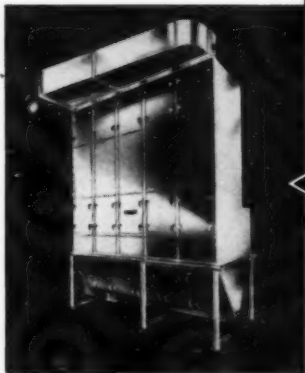
- extremely low maintenance costs
- highest capacity per hp. available in fiberizing equipment



"ENTOLETER" SIMON SUCTION FILTER DUST COLLECTOR...

for the most efficient dust recovery.

- low cost per square foot of filter area
- uniform air flow
- high air to cloth ratios
- long filter cloth life
- low power requirements
- all aluminum construction



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AUSTRALIAN BLUE ASBESTOS SALES TO U. S.

Sales of Blue asbestos to the United States will earn Australia at least seven million dollars in the next five years, the Managing Director of Australian Blue Asbestos Limited stated.

The Johns-Manville Corporation have agreed to buy a minimum of 7,000 tons annually for the next five years.

The United States demand for this type of fibre is said to stem from the increased usage of Blue fibre in the manufacture of asbestos-cement materials in which high pressure resistance is required.

ASBESTOS STOCK QUOTATIONS

These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

		May 1956		
Amer. Br. Shoe (Com.)	np	41	44 $\frac{1}{2}$	41 $\frac{1}{2}$
Amer. Br. Shoe (Pfd.)	100	105	110 $\frac{1}{2}$	106
Armst. Ck. (Com.)	1	31 $\frac{1}{4}$	34 $\frac{3}{4}$	31 $\frac{1}{2}$
Armst. Ck. (Pfd.)	np	95 $\frac{3}{4}$	99 $\frac{3}{4}$	96 $\frac{1}{2}$
Asbestos Corp. (Com.)	np	38 $\frac{1}{2}$	44	39
Carey (Com.)	10	24 $\frac{1}{2}$	27 $\frac{1}{2}$	24 $\frac{1}{2}$
Cassiar Asb. Corp.	np	\$8.10	\$9.10	\$8.20
Celotex (Com.)	1	41 $\frac{1}{4}$	47 $\frac{1}{2}$	42
Celotex (Pfd.)	20	19 $\frac{1}{4}$	19 $\frac{1}{2}$	19 $\frac{1}{2}$
Certainfeed (Com.)	1	28 $\frac{1}{2}$	33 $\frac{1}{2}$	30 $\frac{1}{2}$
Dominion Asb. Mines	1	15 $\frac{1}{2}$ c	24c	16 $\frac{1}{2}$ c
*Fibreboard Paper Prod. Corp.	np	37	43	38 $\frac{3}{4}$
*Fibreboard Paper Prod. Corp.	100	123	135	123
Flintkote (Com.)	5	37 $\frac{1}{4}$	40 $\frac{1}{4}$	38
Flintkote (Pfd.)	np	98 $\frac{1}{4}$	101	101
Johns-Manville (New Com.)	5	49	54	50 $\frac{3}{4}$
Natl. Gypsum (Com.)	1	54 $\frac{1}{2}$	61 $\frac{1}{2}$	55
Natl. Gypsum (Pfd.)	np	101 $\frac{1}{2}$	105	102
Ray-Man (Com.)	np	56 $\frac{3}{4}$	58 $\frac{3}{4}$	57
Ruberoid (Com.)	1	32 $\frac{1}{2}$	35 $\frac{3}{4}$	33 $\frac{1}{4}$
Thermoid (Com.)	1	12 $\frac{1}{2}$	14 $\frac{1}{2}$	12 $\frac{1}{2}$
Thermoid (Pfd.)	50	46	49 $\frac{1}{2}$	48
Union Asb. & Rub. (Com.)	5	6 $\frac{1}{4}$	8 $\frac{1}{2}$	7
United Asb. (Com.)	1	\$685	\$7.70	\$7.00
U. S. Gypsum (Com.)	4	60 $\frac{1}{2}$	69	63 $\frac{1}{2}$
U. S. Gypsum (Pfd.)	100	170	176	174 $\frac{1}{2}$
U. S. Rubber (Com.)	5	50 $\frac{1}{2}$	56 $\frac{1}{2}$	52 $\frac{1}{4}$
U. S. Rubber (Pfd.)	100	163 $\frac{1}{2}$	169	165 $\frac{1}{2}$

* Name changed from Pabco Products.

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AND SOUTH AFRICAN ASBESTOS**

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ENGLAND

THE RUBEROID CO.

The Ruberoid Co. announced that within a few weeks the company will break ground for a felt mill on the site of Ruberoid's roofing factory at Savannah, Georgia.

The dry felt to be produced at the new mill is a highly-specialized pulp product used as the base for asphalt roofings of all kinds. The output will supply Ruberoid's Savannah roofing factory, which the company acquired in 1954.

At present, the Savannah factory is supplied from Gloucester City, N. J., where Ruberoid operates the largest dry felt mill in the world. The new mill is expected to be in operation sometime early in 1957.

DIRECTORS OF THERMOID ELECT EXECUTIVE COMMITTEE

The Board of Directors of Thermoid Company elected as members of the Executive Committee *Warren E. Hill, Elton W. Clark, W. Stuart Landes* and *James L. Spencer*. Mr. Hill, president, is Chairman of the Committee. Messrs. Clark, Landes and Spencer were elected directors of the corporation at the annual meeting of stockholders on May 1st.

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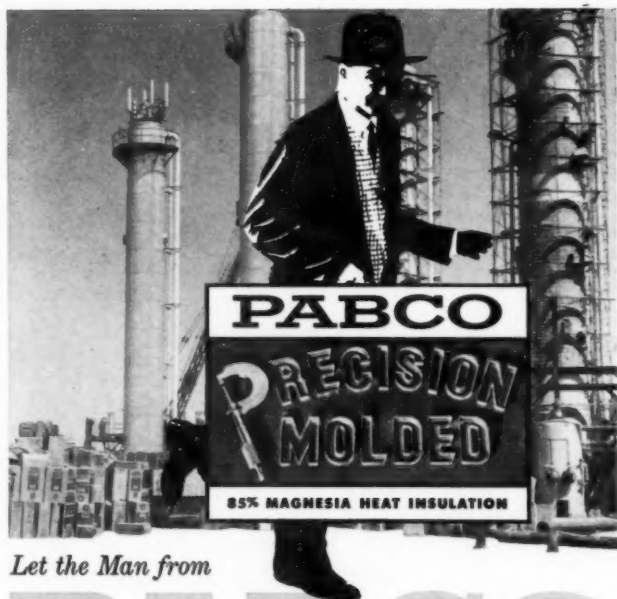
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*Explain the advantages of Pabco Precision Molded
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PABCO INSULATION DIVISION Fibreboard Paper Products Corporation,
San Francisco 19 • New York 16 • Chicago 54 • Houston 4 •
South Gate, Calif. • Manufacturers of Heat Insulation since 1920

NATIONAL GYPSUM COMPANY

The Directors of National Gypsum Co. elected General Production Manager *Leonard L. Hank* to the post of Vice President of Manufacturing in charge of all the company's 37 plants and its mines and quarries.

Lewis B. Crowell, production manager for the firm's coastal gypsum division, was elevated to the post of general production manager for all the company's 12 gypsum plants. He will be succeeded by *Robert E. Scifres*, now manager of National Gypsum's Shoals, Ind. plant.

Prior to joining National Gypsum in 1946 as manager of the firm's Kalamazoo, Mich. paper plant, Mr. Hank worked as a paper consultant and plant manager for two large paper manufacturers.

Mr. Crowell joined National Gypsum in 1953 as an assistant production manager.

Joining National Gypsum in 1942 as electric shop foreman of the Bluebonnet, Texas Ordnance Plant Mr. Scifres was subsequently promoted to production manager.

UGANDA ASBESTOS-CEMENT FACTORY

Uganda's new asbestos-cement factory commenced production early in May, according to press reports. The factory will have an estimated initial output of 1,000 tons of asbestos-cement building material a month. It is situated at Tororo, where there is already a cement factory, originally built to supply cement for the Owen-Fall's dam and hydro-electric scheme.

Most of the asbestos fibre to be used by the factory will come from Southern Rhodesia. Small quantities of asbestos mined in Uganda will also be used and it is hoped that further suitable fibre deposits may be found in Uganda so that the whole enterprise will, in time, be based on indigeous raw materials.

This factory is owned by The Universal Asbestos Mfg. Company (East Africa) Ltd.

BIRD & SON, INC.

ESTABLISHES EASTERN DIVISION

Bird & Son, Inc. announces the establishment of the Eastern Division of its Building Materials Division.

A. Rogers Weed, Jr. has been named as manager of this division, in charge of both production and sales, and *Henry F. Davis* as general sales manager.

Both men have previously held the titles of assistant to the vice president. Mr. Weed has been with the company since 1927 and Mr. Davis joined Bird & Son in 1929.

The new division includes the Norwood Roofing Plant, the sales office at East Walpole and the three Sales districts, New England, New York and Middle Atlantic.



The processes of converting crude Asbestos into a wide range of products are carried out entirely in our factory at Cleckheaton. Long experience in a highly specialised industry is supported by a well-equipped modern laboratory devoted to intensive research and experimental work.

B.B.A. Products include Asbestos Fibre, Yarns, Tapes, Cloths, Packings, Rovings, Tubing, Webbing, Clothing, Jointing, Mintex Brake and Clutch Liners, and other Friction Materials, all types of belting for industry including Scandura the original P.V.C. fireproof conveyor belting.

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BELL'S ASBESTOS & ENGINEERING

Bell's Asbestos and Engineering (Holding) had been rapidly making up the leeway imposed by the check in its profit advance in 1953. Results for 1954 were usefully above those of the previous year and now for 1955 the group profit, before taxation, is more than £70,000 better at £605,900. After tax the balance, excluding minority interests is fully £60,000 higher. This indicates that the company's expansion policy is proving profitable and it reinforces the long expressed view that, allowing for the trading fluctuations which must be expected in even the best-run undertakings, Bell's Asbestos shares must be considered in the blue-chip category.

UNITED STATES RUBBER CO.

Two new sales representatives have been added to the latex and lotol department of the Naugatuck Chemical division, United States Rubber Co., according to a recent announcement.

James T. Fairclough, Jr., formerly a chemist at Naugatuck Chemical's Gastonia, N. C., plant has been assigned to the Georgia area with temporary headquarters at Gastonia. A graduate of Bucknell University, where he majored in chemical engineering, Mr. Fairclough has been with Naugatuck Chemical since 1952.

Robert Dudley, previously a chemist in the company's latex research and development group, will make his headquarters in Philadelphia, Pa. He joined Naugatuck Chemical in 1953 after graduating from Wesleyan University.

THE RUBEROID CO.

First Quarter Report

Herbert Abraham, chairman of The Ruberoid Co., told the annual meeting of stockholders that net sales for the first quarter of 1956 "broke all company records". Net earnings were up slightly from the same period in 1955.

Net sales totaled \$18,058,268 in the first quarter, up 8.5% above the first three months of 1955 when sales were \$16,640,824. Net earnings were \$660,899, or 45c per share, compared with \$645,599, or 44c per share, a year earlier.

NEW APPOINTMENTS AT J-M

The appointments of *William J. Bucklee*, General Sales Manager, and *Carlton J. O'Neil*, Merchandise Manager, as Vice Presidents of the Johns-Manville Products Corporation have recently been announced.

Mr. Bucklee began his career with Johns-Manville in 1923 as a Sales representative for the Celite Products Corporation, which was acquired by Johns-Manville in 1923.

Mr. O'Neil joined Johns-Manville as a Sales Engineer for the Celite Division at New York City in 1928.



THERE IS A CORE OF NYLON THREAD IN EVERY STRAND OF R/M FINE TAPE

The Nylon core in both the warp and filling yarns of R/M Fine Tapes provides superior tensile for machine and hand wrapping. These tapes also have greater elasticity. This produces a snug fit around the sharp bends in motor coils. R/M Electrical Insulating Tapes have been lab tested and service proved. They are woven .010", .015", .020" and .025" thick.

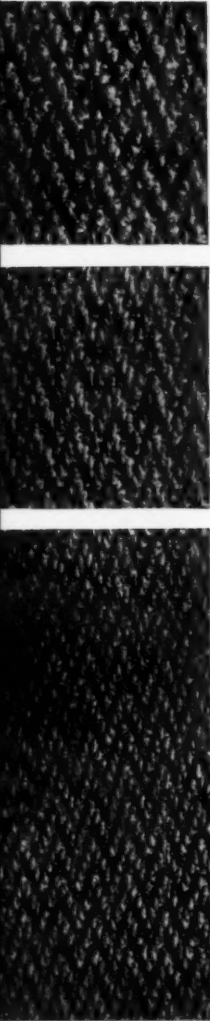


RAYBESTOS-MANHATTAN, INC. ASBESTOS TEXTILE DIVISION • Manheim, Pa.

FACTORIES: Manheim, Pa.; Bridgeport, Conn.; No. Charleston, S.C.; Passaic, N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ontario, Canada

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Originally designed and developed for safety clothing, Southern's Herringbone Weave Asbestos Cloth has many other uses because of its fine texture and high tensile strength.

Made to prevent excessive ravelling; constructed for maximum resistance; smooth, closely-woven texture—all result in a stronger, more durable cloth. Write for Folder No. 1005.

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**THREAD • CORD • YARNS • ROPE
TUBING
CARDED FIBRE • LISTING TAPE • WICKING**

Southern Asbestos, with over 25 years of specialized experience in developing and manufacturing Asbestos Textiles and Textile Products, will be glad to work with you on problems involving new uses or better uses for asbestos fibres and textiles.

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